

## INTERNATIONAL SEARCH REPORT

Interns Application No

PCT/GB 03/02416

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B60C19/00 H05B6/80

According to International Patent Classification (IPC) into both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60C H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 456 806 A (ARINATSU TOSHIO) 26 June 1984 (1984-06-26) column 2, line 66 - column 4, line 42; claims 6-9; figures	1-5, 8, 10
A	US 4 157 930 A (BJORKMAN LEIF A B ET AL) 12 June 1979 (1979-06-12) column 12, line 37 - line 44; figure 10	1, 5, 6, 9, 10
A	US 3 566 066 A (SEARLE ERIC H ET AL) 23 February 1971 (1971-02-23) claims; figure 1	1-6
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

7 August 2003

Date of mailing of the international search report

18/08/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 443 (M-1178), 12 November 1991 (1991-11-12) & JP 03 189216 A (NISSAN MOTOR CO LTD), 19 August 1991 (1991-08-19) abstract	1
A	US 3 927 291 A (PETERSON ROBERT A) 16 December 1975 (1975-12-16)	
A	US 3 745 291 A (GILLIATT C ET AL) 10 July 1973 (1973-07-10)	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Internat Application No

PCT/GB 03/02416

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4456806	A	26-06-1984	JP	1368549 C	11-03-1987
			JP	58024431 A	14-02-1983
			JP	61034368 B	07-08-1986
			DE	3279174 D1	08-12-1988
			EP	0072505 A2	23-02-1983
US 4157930	A	12-06-1979	SE	441078 B	09-09-1985
			CA	1086462 A1	30-09-1980
			DE	2744391 A1	06-04-1978
			FR	2366121 A1	28-04-1978
			GB	1587889 A	08-04-1981
			IT	1143857 B	22-10-1986
			JP	1305698 C	13-03-1986
			JP	53045387 A	24-04-1978
			JP	60031663 B	23-07-1985
			NL	7710811 A ,B,	06-04-1978
			SE	7610987 A	05-04-1978
US 3566066	A	23-02-1971	DE	1943212 A1	05-03-1970
			FR	2016679 A5	08-05-1970
			GB	1278062 A	14-06-1972
			IE	33296 B1	15-05-1974
			JP	48014894 B	10-05-1973
			MY	13974 A	31-12-1974
			NL	6913077 A	03-03-1970
			SE	357918 B	16-07-1973
JP 03189216	A	19-08-1991	NONE		
US 3927291	A	16-12-1975	NONE		
US 3745291	A	10-07-1973	NONE		

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